

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-018857

(43)Date of publication of application : 19.01.1996

(51)Int.Cl.

H04N 5/262
G03B 13/00
G03B 19/07
H04N 5/225

(21)Application number : 06-148879

(71)Applicant : CANON INC

(22)Date of filing : 30.06.1994

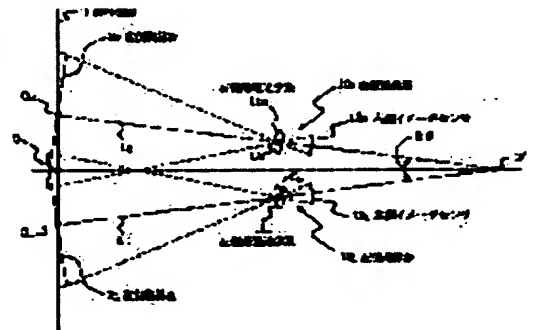
(72)Inventor : YANO KOTARO
IIJIMA KATSUMI

(54) IMAGE COMPOSITE METHOD AND IMAGE COMPOSITE DEVICE

(57)Abstract:

PURPOSE: To realize a image composite method and a device in which a panoramic image with an optional aspect ratio is obtained with less deterioration in image quality.

CONSTITUTION: Plural image pickup systems 10R, 10L are used to pick up an image of a common object 1 while overlapping part of a picture field and the plural image signals obtained by the image pickup system 10R, 10L are synthesized to form one image signal in this image composite method. Distance information of the object 1 is used to conduct coordinate transformation processing and the image signals outputted from the image pickup systems 10R, 10L are interpolated depending on the transformation coordinate and one of the interpolated image signals is selected with respect to an area where a remote distance part of the object 1 is hidden by a near distance part of the object among the overlapped area of the composite image signal to obtain one image signal which is outputted in the state defined at an optional object distance and image forming magnification from the image pickup system where the plural image signals outputted from the image pickup systems 10R, 10L are defined by the positional deviation of the visual point from the image pickup systems 10R, 10L and the angle of convergence of the optical axes LR, LL with respect to the visual point position and the directions of the optical axes LR, LL.



LEGAL STATUS

[Date of request for examination]	11.05.1998
[Date of sending the examiner's decision of rejection]	
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]	
[Date of final disposal for application]	
[Patent number]	3192875
[Date of registration]	25.05.2001
[Number of appeal against examiner's decision of rejection]	
[Date of requesting appeal against examiner's decision of rejection]	
[Date of extinction of right]	

Copyright (C); 1998,2003 Japan Patent Office